# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 978 | cochrane.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/18 15:08 |
| L2 | 4 | cochrane-richard.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/18 15:09 |
| S1 | 455 | 415/4.2.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 14:54 |
| S2 | 60 | ("20040113291" \| "20040159536" \| "20050230238" \| "20060113118" \| "20060137348" \| "20070138797" \| "20070284885" \| "20080054638" \| "20080148549" \| "20080148732" \| "20080148733" \| "20080149302" \| "20080149403" \| "20080150284" \| "20080150286" \| "20080150289" \| "20080150290" \| "20080150291" \| "20080150295" \| "20080150296" \| "20080150298" \| "20080152492" \| "20080154800" \| "20080154801" \| "20080163919" \| "20080196758" \| "3971454" \| "4117900" \| "4119863" \| "4314160" \| "4315402" \| "4592136" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/15 15:28 |

| | | "4883823" \| "5075564" \| "5254876" \| "5272378" \| "5296746" \| "5606233" \| "5920127" \| "6391205" \| "6409467" \| "6624530" \| "6809432" \| "6882059" \| "6897575" \| "6959993" \| "6981377" \| "7098553" \| "7127328" \| "7192146" \| "7193332" \| "7226536" \| "7226542" \| "7339286" \| "7434636" \| "7453164" \| "RE31156").PN. OR ("7547984").URPN. | | | | |
|---|---|---|---|---|---|---|
| S3 | 5 | ("4115032" \| "4281965" \| "4525911" \| "5203672" \| "7007889").PN. OR ("7896609").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/15 15:37 |
| S4 | 273 | 415/4.4.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:39 |
| S5 | 183 | S4 not S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:39 |
| S6 | 222 | 415/907.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:49 |
| S7 | 137 | S6 not (S1 or S4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:49 |
| S8 | 273 | 415/71.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:57 |

| S9 | 271 | S8 not (S1 or S4 or S6) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 15:58 |
| S10 | 622 | 415/176.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 16:05 |
| S11 | 618 | S10 not (S1 or S4 or S6 or S8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 16:06 |
| S12 | 673 | 416/176.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 16:39 |
| S13 | 656 | S12 not (S1 or S4 or S6 or S8 or S10) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 16:39 |
| S14 | 611 | 416/132B.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 18:17 |
| S15 | 566 | S14 not (S1 or S4 or S6 or S8 or S10 or S12) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 18:17 |
| S16 | 696 | 416/197A.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 18:53 |

| S17 | 558 | S16 not (S1 or S4 or S6 or S8 or S10 or S12 or S14) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 18:54 |
|-----|-----|-----|-----|-----|-----|-----|
| S18 | 1907 | 416/223R.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 19:52 |
| S19 | 1862 | S18 not (S1 or S4 or S6 or S8 or S10 or S12 or S14 or S16) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 19:52 |
| S20 | 420 | 416/dig.2.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 21:14 |
| S21 | 94 | S20 and camber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 21:15 |
| S22 | 21 | S21 and ("&GE" or "&GT" or "$LE" or "&LT") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 21:18 |
| S23 | 2 | "20030147739" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 21:49 |
| S24 | 20 | 416/dig.8.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/15 21:50 |
| S25 | 17 | ("3918839" \| "4449053").PN. OR ("5405246").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/15 21:54 |

| S26 | 23 | ("0958599" \| "1851680" \| "2106928" \| "3588273" \| "4236866" \| "4237384" \| "4718821" \| "5263846" \| "5405246" \| "5451137" \| "5570859" \| "6766623"). PN. OR ("7156609"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/15 21:58 |
|-----|----|----|----|----|----|----|
| S27 | 30 | ("1766765" \| "2067542" \| "2480687" \| "3918839" \| "4048947" \| "4082479" \| "4247252" \| "4247253" \| "4293274" \| "4334823" \| "4415312" \| "4452568" \| "4500257").PN. OR ("4718821").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/15 21:59 |
| S28 | 34 | ((RICHARD) near2 (COCHRANE)).INV. | US-PGPUB; USPAT | OR | ON | 2011/11/16 10:41 |
| S29 | 14 | ((RICHARD) near2 (COCHRANE)).INV. | EPO; JPO; DERWENT | OR | ON | 2011/11/16 10:41 |
| S30 | 1 | "5405246".pn. | US-PGPUB; USPAT | OR | ON | 2011/11/16 10:47 |
| S31 | 168 | @PD="20010517" | US-PGPUB; USPAT | OR | ON | 2011/11/16 10:48 |
| S32 | 17 | ("3918839" \| "4449053"). PN. OR ("5405246"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 10:50 |
| S33 | 2 | "2515713".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:25 |
| S34 | 1367 | (vertical adj axis adj (wind or turbine)) or VAWT | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:43 |
| S35 | 315 | S34 and (helix or helical or twist or twisted) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:44 |
| S36 | 25 | S35 and (camber and chord) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:44 |
| S37 | 30 | S35 and (camber) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:54 |
| S38 | 5 | S37 not S36 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 11:54 |
| S39 | 52262 | (blade or aerofoil or airfoil) and ((vary or change or varying or changing) with (camber or (length or span))) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:07 |
| S40 | 33 | S39 and VAWT | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:08 |

| S41 | 55 | (US-20080149403-$ or US-20080150295-$ or US-20080163919-$ or US-20050106023-$ or US-20090129928-$ or US-20100090466-$ or US-20100322770-$ or US-20110200437-$ or US-20110255975-$ or US-20050141994-$ or US-20080145224-$ or US-20080267777-$ or US-20040067138-$ or US-20090116968-$ or US-20080253889-$ or US-20110187117-$ or US-20100140950-$ or US-20110171025-$ or US-20110158817-$ or US-20030147739-$ or US-20010001299-$).did. or (US-4321005-$ or US-5269647-$ or US-6629815-$ or US-7220107-$ or US-7241105-$ or US-7156609-$ or US-7040859-$ or US-7344353-$ or US-7597532-$ or US-7547984-$ or US-7896609-$ or US-4115032-$ or US-4281965-$ or US-4525911-$ or US-5203672-$ or US-4236866-$ or US-4204796-$ or US-6923615-$ or US-1217684-$ or US-4214747-$ or US-4207026-$ or US-4637941-$ or US-4718821-$ or US-6935841-$ or US-7220105-$ or US-6616402-$).did. or (US-3918839-$ or US-4799860-$ or US-5405246-$ or US-7741729-$ or US-2106928-$).did. or (US-2515713-$).did. or (EP-65778-$).did. or (US-20030147739-$).did. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2011/11/16 13:11 |
| S42 | 12 | S41 and (angle with attack) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/16 13:11 |

| S43 | 2660 | (blade or aerofoil or airfoil) and ((vary or change or varying or changing) with ((angle adj attack) or AOA)) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:14 |
|-----|------|------|------|------|------|------|
| S44 | 69 | S34 and S43 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:15 |
| S45 | 1596 | S43 and @py<"2003" | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:19 |
| S46 | 0 | troposkein with ((angle adj attack) or aoa) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:28 |
| S47 | 4 | troposkein with (camber or angle or attack) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 13:29 |
| S48 | 3 | "4264279".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT | OR | ON | 2011/11/16 14:08 |
| S49 | 36 | ("1467699" \| "1835018" \| "1953444" \| "2023750" \| "4012163" \| "4115027"). PN. OR ("4264279"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 14:26 |
| S50 | 115 | (fixed adj geometry) and (angle adj attack) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 14:37 |
| S51 | 20 | S50 and ("415" or "416"). clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 14:37 |
| S52 | 510 | taper with airfoil | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:21 |
| S53 | 225 | S52 and turbine | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:21 |
| S54 | 40 | S53 and wind | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:21 |
| S55 | 31 | S54 and vertical | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:21 |
| S56 | 63502 | narrow near3 (end or tip) | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:23 |
| S57 | 20 | S56 and S34 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:23 |
| S58 | 0 | wo03025385 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:27 |
| S59 | 0 | wo03025385 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/16 15:27 |

| S60 | 1 | wo03/025385 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/16 15:27 |
| S61 | 8 | pct/CA02/01413 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/16 15:29 |
| S62 | 2850 | propeller near3 angle | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:50 |
| S63 | 1 | propeller near3 aoa | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:50 |
| S64 | 2 | propeller with aoa | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:50 |
| S65 | 2386 | propeller with varying | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:50 |
| S66 | 1212 | S65 and ("415" or "416"). clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:51 |
| S67 | 240 | S66 and wind | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:52 |
| S68 | 90 | S67 and turbine | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:52 |
| S69 | 66 | S68 and fixed | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:52 |
| S70 | 2579 | propeller with varying | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/11/16 15:55 |
| S71 | 485 | S70 and wind | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:55 |
| S72 | 155 | S71 and turbine | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:56 |
| S73 | 117 | S72 and fixed | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:56 |
| S74 | 51 | S73 not S68 | US-PGPUB; USPAT; USOCR | OR | ON | 2011/11/16 15:56 |

**EAST Search History (Interference)**

< This search history is empty>

**11/18/2011 7:25:30 PM**
**C:\ Documents and Settings\ abenson\ My Documents\ EAST\ Workspaces\ 10565227-VAWT.wsp**